ONTARIO MENTAL HEALTH FOUNDATION

ANNUAL REPORT

2006 - 2007

THE ONTARIO MENTAL HEALTH FOUNDATION

Established by Special Act of Legislature of the Province of Ontario, 1960-61.

ANNUAL REPORT 2006-2007

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You can find the latest information about the work of the Foundation on our web site:
http://www.omhf.on.ca

Hard copies of project abstracts are also available on request from:

441 Jarvis Street, 2nd Floor
Toronto, Ontario M4Y 2G8
Phone: (416) 920-7721
Fax: (416) 920-0026
E-mail: grants@omhf.on.ca

THE MISSION AND OBJECTIVES OF THE FOUNDATION

Mission Statement

The Foundation aims to promote the mental health of people living in Ontario, to prevent mental illness and to improve diagnosis, treatment and rehabilitation. This is done primarily by supporting the professional development of researchers and by funding excellent mental health research. The Foundation looks to people with mental disorders, providers and the research community to identify important and innovative areas of research.

The three principal mandates of the Foundation are:

❶ research in mental health
❷ training
❸ education

Of these three mandates, research has priority. The Foundation will support research which deals with any of the biological, psychological or social factors which either foster mental health or lead to mental disorder. The Foundation aims to improve knowledge about the prevention of mental disorder, and the rational and efficient diagnosis, treatment and rehabilitation of the mentally ill. The Foundation will accept applications for projects dealing with any period of the life-span, any of the factors thought to promote mental health or to cause mental disorder, and from any of the relevant scientific specialties. The Foundation has a particular interest in studies which address mental health problems of importance in Ontario.

The Foundation supports mental health research by providing funding to a number of programs. These programs have been planned with the following principles in view:

1. The grant application process will be, and should be perceived to be, equitable and accessible.

2. The Foundation will actively encourage applications for research into a broad spectrum of important mental health issues.

3. The Foundation will ensure that the grant review process allows fair and informed judgements concerning the broad spectrum of applications received.

4. The Foundation will ensure that all research it funds is relevant to mental health and constitutes excellent research in a broad range of methodologies.

5. The Foundation will facilitate the development of excellent researchers in a broad spectrum of methods, disciplines and mental health concerns.

6. The Foundation will actively disseminate, in plain language, the results of its funded research.

7. The Foundation will be a leader in the coordination and development of funding and research partnerships and in the search for new ways of increasing the funds available for mental health research.

8. The decision-making processes of the Foundation will be based on the above principles and will be, and appear to be, free from conflict of interest and undue external influences.

These principles also govern the Foundation's funding of training and education.

FOUNDATION MEMBERS AND STAFF

Foundation Members

Keith Jarvie, Ph.D., *Chair,*
Toronto
(re-appointed Dec. 20, 2004)

William Avison, Ph.D.
London
(re-appointed Apr. 1, 2005)

Douglas Bocking, M.D.
London (from Nov. 3, 2004)

Rahel Eynan, M.A.
Toronto
(re-appointed Dec. 21, 2004)

Ian Kilgour, C.F.A.
Toronto
(re-appointed April 11, 2005)

Harriet MacMillan, M.D.
Hamilton (from Jan. 26, 2005)

Vivian Rakoff, M.D.
Toronto
(re-appointed Dec. 21, 2004)

Appointed March 2007
Clare Sullivan, L.L.B.
Toronto

Audit & Finance Committee

Ian Kilgour, C.F.A. *Chair*
Toronto

Rahel Eynan, M.A.
Toronto

Keith Jarvie, Ph.D.
Toronto

Staff

Alexander Greer
Executive Director

Anita Macatangay
Accountant

Véronique Morris
Grants Officer

MEMBERS OF PEER REVIEW COMMITTEES 2006-07

Research Grants

David Dozois, Ph.D., *Chair*
University of Western Ontario

Richard Beninger, Ph.D.
Queen's University

Eva Chow, M.D.
Centre for Addiction and Mental Health

Marie-José Dealberto, M.D., Ph.D.
University of Ottawa

Anne Duffy, M.D.
McGill University

Sarah Garside, M.D., Ph.D.
McMaster University

Kathleen Hartford, Ph.D.
Lawson Health Research Institute

Sandra Paivio, Ph.D.
University of Windsor

Christine Purdon, Ph.D.
University of Waterloo

Nagalingam Rajakumar, Ph.D.
University of Western Ontario

Margaret Richter, M.D.
Centre for Addiction and Mental Health

Patricia Rosebush, M.D.
McMaster University

Walter Rushlow, Ph.D.
London Health Sciences Centre

Lalit Srivastava, Ph.D.
McGill University

Henry Szechtman, Ph.D.
McMaster University

David Wolfe, Ph.D.
University of Western Ontario

Tracy Vaillancourt, Ph.D.
McMaster University

Fellowships

Debra Pepler, Ph.D., *Chair*
York University

Jean Addington, Ph.D.
Centre for Addiction and Mental Health

Steffany Bennett, Ph.D.
University of Ottawa

Elizabeth Hayden, Ph.D.
University of Western Ontario

Jill Jacobson, Ph.D.
Queen's University

Janet Landeen, Ph.D.
McMaster University

Michael Mazurek, M.D.
McMaster University

Rob Nicolson, M.D.
University of Western Ontario

Arturas Petronis, M.D., Ph.D.
Centre for Addiction and Mental Health

Ayal Schaffer, M.D.
Sunnybrook Health Sciences Centre

Alessandra Schiavetto, Ph.D.
McGill University

Shiva Singh, Ph.D.
University of Western Ontario

John Sylvestre, Ph.D.
University of Ottawa

DONORS FROM APRIL 1, 2006 TO MARCH 31, 2007

In 2006-2007 the Foundation received a total of **$269,423** in donations. The Foundation wishes to express its gratitude to the following donors who provided funds to support the Foundation's work:

Ms. Heather Andersen
Ms. Irma Dayman
The Honourable George D. Finlayson
Mrs. Rosemary Kratz
The Christopher Lackenbauer Memorial Fund
The Estate of George Munday
United Way
The Velleman Foundation

The Ontario Mental Health Foundation is a registered charitable Foundation: No. **11906 8088 RR0001**. Donations to further research into the causes of mental illness and for the development of improved treatments are needed, and may be sent to:

441 Jarvis Street, 2nd Floor
Toronto, Ontario M4Y 2G8
Phone: (416) 920-7721
Fax: (416) 920-0026
E-mail: grants@omhf.on.ca

CHAIR'S REPORT

On behalf of the Board of the Ontario Mental Health Foundation, it is my pleasure to recognize and offer thanks to some of the people who have aided the Foundation in fulfilling its mission.

The Foundation, as an Operational Service Agency of the Ontario Government, disburses public funds for the purpose of supporting research, training and education into the causes and treatments of mental illness. The Foundation is indebted to the people of Ontario who have entrusted the Foundation to administer these programs. The Foundation Board and Executive appreciate that this trust is predicated on operational excellence and perceived value.

Dr. Greer and the Foundation staff (Ms. Morris and Ms. Macatangay) are to be credited with having achieved this standard of operational excellence. It is appropriate that the Board recognize their exemplary stewardship of the Foundation's programs and the measured and diligent manner in which they have responded to those challenges which have arisen over the course of the last year.

The Foundation supports mental health research through its Research and Fellowship Grant programs. Funding decisions derive from a peer-reviewed, competitive assessment of scientific quality and mental health relevance. This critical component of the Foundation's processes is the responsibility of the Research and Fellowships Grant Committees. The Board would like to express its thanks to those members of the Ontario research community who have contributed to the work of these Committees. The extent of commitment this requires, in the absence of material compensation, remains a source of admiration and profound indebtedness. Additionally, the Board recognizes the role played by those members of the international research community who offer written appraisals, broadening the base of input that the Committees can use to discern the relative quality of the submitted applications.

My final thanks are reserved for my colleagues on the Foundation Board, past and present. It has been an extraordinary honour to have had the opportunity to have met, and worked with such a wonderful and committed group of supremely accomplished individuals. When my term as Chair concludes this December, I know I will continue to be thankful for the many ways in which they have offered their counsel and support throughout my tenure.

Mental health research matters. It is our best opportunity for rational choices for intercession when illness arises. It enriches our lives by adding to our appreciation of the miracle of our own existence. It provides direct contributions to our economy and supports the livelihoods and professional development of researchers and their staff. Research matters because it offers hope. I am hopeful that Foundation support will continue to assist in the generation of new knowledge which will be translated into improvements in the care and treatment of those living with mental illness.

Keith R. Jarvie, Ph.D.
Chair

September, 2007

EXECUTIVE DIRECTOR'S REPORT

The Annual Report of the Ontario Mental Health Foundation is filled, perforce, with figures: this many grant applications received, that much money disbursed, so much in capital assets. The numbers are important, but are, in some sense, only metaphors. They are but a representation of the reality that the Foundation is a human endeavour: women and men working selflessly "to promote the mental health of people living in Ontario, to prevent mental illness, and to improve diagnosis, treatment and rehabilitation" through funding of research and the development of excellent researchers.

The financial tables herein are also a metaphor for the commitment of Ontario and its citizens, through the Ministry of Health and Long-Term Care, to the support of mental health research and development of mental health researchers; a commitment that has spanned nearly forty years.

The members of the Foundation – all accomplished and very busy professionals – freely give their time and expertise to guide the Foundation with wisdom and patience. It has been my great good fortune to have begun my tenure under the leadership of Dr. Keith Jarvie, Chair of Foundation. I will miss Dr. Jarvie's crisp intelligence and unwavering sense of humour. I regret that Dr. Douglas Bocking is also leaving the Board; his innate good sense and kindness will be missed. I welcome Ms. Clare Sullivan, a distinguished Toronto lawyer, to the Foundation.

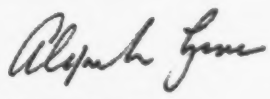
The scientists who serve without compensation on the Foundation's Research and Fellowship Committees as peer reviewers for grant and fellowship applications ensure the continued vitality and quality of the Foundation's core programs. Dr. David Dozois, and Dr. Debra Pepler led the Research and Fellowship Committees, respectively, with humour, grace, and wisdom. This year the Foundation received 73 grant applications – a record number and was able to fund all the grants recommended for funding by the Committee, thanks to generous supplemental funding of $450,000 from the Ontario Ministry of Health and Long-Term Care. The Foundation provided funding for 18 fellowships or studentships.

As usual, there are arrivals and departures to acknowledge in our review committees. Drs. Eva Chow, David Dozois, Sarah Garside, Christine Purdon, Lalit Srivastava and David Wolfe left the Research Committee. We welcome Drs. Sheena Josselyn, Nancy Kocovski, Andrea Levinson, Katharine Manassis and Sagar Parikh. In addition to his excellent skills as a reviewer, Dr. Dozois provided leadership from the Chair for the last three years of his term. Dr. Patricia Rosebush has been chosen to be the new Chair of the Research Committee. The Fellowships Committee wishes the best to Dr. Rob Nicolson who completed his term. We welcome Drs. Elizabeth Kelley and Pamela Prince to the Fellowships Committee.

Scientists from around the world – this year England, Scotland, Italy, Japan, France, Germany, China and the United States – also review grant submissions for the Foundation. Their graciousness and expertise immeasurably advances our mission.

The Foundation's seven-year partnership with the Ontario Ministry of Health and Long-Term Care continues to provide funding for innovative research in mental health service delivery. Additionally, the work of the projects in the ministry-funded Systems Enhancement Evaluation Initiative (SEEI), in which the Foundation is a partner, is well under way. The findings of the 9 projects will help in the development of policies to better serve mentally ill people in Ontario and also help develop the next generation of mental health researchers. A number of Ministry staff worked diligently to bring these projects to fruition; in particular, Aimee Watson and Ruth Stoddard.

Finally, I would like to thank Ms. Véronique Morris and Ms. Anita Macatangay for their hard work and dedication in administering the Foundation.



Alexander Greer
Executive Director

September, 2007

RESEARCH PROJECT GRANTS

In the **Fall of 2006** the Foundation received 73 grant applications. Of the 73 applications, the Research Committee recommended 25 for funding; the Foundation was able to award all of these thanks to a supplement received from the Ministry of Health and Long Term Care. The start-up date for these awards is April 1, 2007.

Deadline year	Applications received at deadline	Number Funded	Percent funded
2002	58	17	29%
2003	59	16	27%
2004	59	21	35%
2005	60	15	25%
2006	73	25	34%

Research Project Grants, 2006-2007

NAME OF P.I.	Institution/ Title of Project	Amount 2006-2007
ALBERT, Paul	**University of Ottawa** Regulation of Dopamine-D2 Receptors	75,000
BENINGER, Richard	**Queen's University** The Role of γ-Aminobutyric Acid (GABA)in the Etiology of Schizophrenia: Identifying and Treating the Cognitive and Neurochemical Effects of Subchronic Phencyclidine	75,000
BENNETT, Steffany	**University of Ottawa** Targeting Phospholipids Mediators of AD Synaptic Dysfunction	75,000
BENOIT, Diane	**The Hospital for Sick Children** Effect of a Trauma-Focused Cognitive-Behavioral Intervention on Adolescent Mothers' Parenting and Infant Attachment: A Randomized Controlled Trial	74,904
CRAIG, Wendy	**Queen's University** Can Better Beginnings Lead to Better Futures for Ontario's At-Risk Youth Seven Years after the Prevention Project?	74,600
DASKALAKIS, Zafiris	**Centre for Addiction and Mental Health** Treating Refractory Auditory Hallucinations in Patients with Schizophrenia Using Repetitive Transcranial Magnetic Stimulation	64,408
DEALBERTO, Marie-José	**University of Ottawa** EEG Gamma Activity in Drug Naïve Patients at Schizophrenia Onset and Control Subjects	52,200

Research Project Grants, 2006-2007 (cont'd)

NAME OF P.I.	Institution/ Title of Project	Amount 2006-2007
DESHAUER, Dorian	**University of Ottawa** Cortisol Dysregulation as a Potential Risk Factor in Children of Bipolar Parents	33,775
EIKELBOOM, Roelof	**Wilfrid Laurier University** Wheel Induced Feeding Suppression: A Rat Model of Anorexia Nervosa	61,700
FOSTER, Jane	**McMaster University** Genetics of Hippocampal Structure and Function in Depressed Patients	72,812
FRASER, Paul	**University of Toronto** Sumoylation and Amyloidogenesis in Alzheimer's Disease	74,660
GRANIC, Isabela	**The Hospital for Sick Children** Therapeutic Process of Change Inside the "Black Box" of Multisystemic Therapy	74,983
HARKNESS, Kate	**Queen's University** A Psychobiological Model of Stress Sensitization in Adolescent Major Depression	61,188
HEINRICHS, Walter	**York University** Improving the Definition of Schizophrenia with Memory Measures	69,632
JIA, Zhengping	**The Hospital for Sick Children** A Novel Genetic Model of Mental Retardation: Analysis of PAK3 Knockout Mice	74,036
KNOTT, Verner	**University of Ottawa** The Acute Antidepressant and Neuro-Cognitive Actions of Nicotine During Tryptophan Depletion-Induced Depression Relapses	74,816
KOSZYCKI, Diana	**University of Ottawa** Randomized Controlled Trial on the Efficacy of Interpersonal Psychotherapy in Depressed Women Undergoing Infertility Treatment	73,824
LANCEE, William	**Mount Sinai Hospital** Using Mindfulness-Based Cognitive Therapy to Reduce Cognitive Reactivity - A Risk Factor of Depressive Relapse	72,636

Research Project Grants, 2006-2007 (cont'd)

NAME OF P.I.	Institution/ Title of Project	Amount 2006-2007
LE, Anh Dzung	**Centre for Addiction and Mental Health** Interaction of Stress with Deprivation on the Motivational Effects of Alcohol in Rats	61,210
MacQUEEN, Glenda	**McMaster University** Structural, Functional and Biochemical Changes in Selected Brain Regions of Patients with Bipolar Disorder Prior to and Following Treatment with Lithium	73,550
MAZUREK, Michael	**McMaster University** Long-Term Effects of Neuroleptic Medication on Midbrain Dopamine Neurons	75,000
McMAIN, Shelley	**Centre for Addiction and Mental Health** Relating Emotional and Cognitive Processes to Outcome in Suicidal Patients with Borderline Personality Disorder	63,805
MISHRA, Ram	**McMaster University** Studies on Glucose-Dependent Insulinotropic Polypeptide (GIP) in Schizophrenia	75,000
MONGA, Suneeta	**The Hospital for Sick Children** Evaluating a Novel Group Treatment Program for Five to Seven Year Old Children with Anxiety Disorders	72,096
MOUNT, Howard	**University of Toronto** Bioenergetic Profile and Therapeutic Intervention in a Mouse Model of Alzheimer's Disease	75,000
RAJAKUMAR, Nagalingam	**University of Western Ontario** Prefrontal Cortical Modulation of Stress Responsiveness: Relevance to Schizophrenia.	71,930
REHMAN, Uzma	**Queen's University** A Prospective Multimethod Test of the Association Between Depression and Marital Distress Using Latent Growth Curve Models	73,193
REITZEL, Jo-Ann	**McMaster University** Predicting Skill Development During Intensive Behavioural Intervention in Young Children with Autism	74,136
RICHTER, Margaret	**Centre for Addiction and Mental Health** Obsessive-Compulsive Disorder: An Innovative Genetic Study Utilizing Genomic Controls and Endophenotypes	74,917

Research Project Grants, 2006-2007 (cont'd)

NAME OF P.I.	Institution/ Title of Project	Amount 2006-2007
RUSHLOW, Walter	**University of Western Ontario** Involvement of the PI-3K-Akt-GSK-3 Signal Transduction Pathway in the Manifestation and Amelioration of Schizophrenic Symptoms	75,000
RYLETT, Jane	**Robarts Research Institute** Function of Choline Acetyltransferase in Nucleus of Cholinergic Neurons in Mild Cognitive Impairment and Alzheimer Disease	75,000
SETO, Michael	**Centre for Addiction and Mental Health** Child Pornography Offenders: Characteristics and Future Offending	65,330
SHARMA, Verinder	**Lawson Research Institute** Examining the Heterogeneity of Postpartum Depression: A Prospective Study of Nature, Prevalence, Course, and Etiology	74,986
TALLERICO, Teresa	**University of Toronto** Using Mouse Strains to Unravel the Molecular Regulation of Dopamine D2high Receptors	74,700
VINCENT, John	**Centre for Addiction and Mental Health** Investigation of the MECP2 Gene Exon 1 in Autism, Mental Retardation and Childhood Onset Psychosis	74,949
VORUGANTI, Panth	**McMaster University** Prevention of Diabetes in Schizophrenia	58,799

SYSTEMS ENHANCEMENT EVALUATION INITIATIVE (SEEI)

SEEI will evaluate the significant investments made by the Government of Ontario in key areas of the community mental health system including: crisis response; intensive case management; assertive community treatment; early intervention in psychosis; and services for individuals with mental illness who are in contact with the criminal justice system.

SEEI is funded by the Ontario Ministry of Health and Long-Term Care and was developed and is overseen by the Health System Research and Consulting Unit of the Centre for Addiction and Mental Health in partnership with the Ministry, the Ontario Mental Health Foundation, the Canadian Mental Health Association, Ontario; and the Ontario Federation of Community Mental Health and Addiction Programs.

NAME OF P.I.	Institution/ Title of Project	Amount 2006-07
AUBRY, Tim	**University of Ottawa** An Evaluation of the Implementation and Outcomes of CMHA Ottawa's Court Outreach	36,924
DEWA, Carolyn	**Centre for Addiction and Mental Health** The Matryoshka Project: Examining the Effects of Enhanced Funding for Specialized Programs	326,000
DURBIN, Janet	**Centre for Addiction and Mental Health** An Evaluation of System Enhancement for Ontario's Community Mental Health System	113,000
FORCHUK, Cheryl	**Lawson Health Research Institute** Review Mobile Crisis Services	35,819
GEORGE, Lindsey	**St. Joseph's Healthcare, Hamilton** ACT Fidelity and Evaluation	44,418
HARDER, Eleanor/ NANDLAL, Joan	**Community Mental Health Clinic** Waterloo Wellington Crisis System Evaluation: Understanding the Impact of Enhanced Programs and Coordination	42,458
JENSEN, Elsabeth	**York University** An Evaluation of Community Based Discharge Planning Project Description	26,000
KRUPA, Terry	**Queen's University** An Evaluation of An Integrated Crisis-Case Management Service Model	35,308
STUART, Heather	**Queen's University** Do Clients Receive More Appropriate Community Care And Fewer Hospital Resources Now That Community Mental Health Systems Is Enhanced?	74,409

FELLOWSHIPS AND STUDENTSHIPS

In the **Fall of 2006**, the Foundation received 53 applications for new Fellowships and Studentships. Three of the applicants asked to be considered for the Autism Ontario Research Studentship competition in addition to that of the Foundation. 8 Fellowship and 10 Studentship applications (two Autism Ontario) were recommended. All 18 were approved for support.

Deadline year	Fellowship / Studentship applications received at deadline	Number Funded	Percent funded
2002	57	16	28%
2003	57	15	26%
2004	65	13	20%
2005	65	22	33%
2006	53	18	33%

Fellowships and Studentships, 2006-2007

NAME OF P.I.	Institution/ Title of Project
SENIOR RESEARCH FELLOWSHIPS:	
KING, Gillian	**Child and Parent Resource Institute** Facilitating Optimal Life Experiences and Environments for Children with Disabilities and Their Families
MISHRA, Ram	**McMaster University** Role of Synapsin II in Schizophrenia and its Regulation by Typical and Atypical Antipsychotic Drugs
PETRONIS, Arturas	**Centre for Addiction and Mental Health** Epigenomic Studies of Major Psychiatric Disease
SEGAL, Zindel	**Centre for Addiction and Mental Health** Modification of Cognitive Reactivity to Sad Mood Provocation via Mindfulness-Based Cognitive Therapy
SINGH, Shiva	**University of Western Ontario** Genetics of Mental Disorders: Innovative Studies on Schizophrenia and Alcoholism
SZATMARI, Peter	**McMaster University** Genetics and Outcome of Autism Spectrum Disorder

Fellowships and Studentships, 2006-2007 (cont'd)

NAME OF P.I.	Institution/ Title of Project

INTERMEDIATE RESEARCH FELLOWSHIPS:

BENNETT, Kathryn	**McMaster University** School Refusal: Prevalence and Psychosocial Correlates in Adolescents
BENNETT, Steffany	**University of Ottawa** Targeting Downstream effectors of β-Amyloid-Induced Synaptoxicity and Neuronal Loss to Reduce Cognitive Failure and Memory Loss in Alzheimer's Disease
DOZOIS, David	**University of Western Ontario** Changes in Cognitive Structure and Processes in Cognitive Therapy for Depression
LEVITAN, Robert	**Centre for Addiction and Mental Health** Novel Genetic Models of Seasonal Affective Disorder and Bulimia Nervosa
MEYER, Jeffrey	**Centre for Addiction and Mental Health** Is Greater Brain Monoamine Oxidase A Associated with Greater Risk for Recurrence of Depression?

NEW INVESTIGATOR FELLOWSHIPS:

CHARACH, Alice	**The Hospital for Sick Children** Discontinuation of Stimulants in Children with ADHD and Conduct Disorder
GRIGORIADIS, Sophie	**University Health Network** The Effect of the Menstrual Cycle on the Symptoms of Depression and Treatment Response: A Comparison of Premenopausal, Perimenopausal and Postmenopausal Women
HALL, Geoffrey	**St. Joseph's Healthcare** Spectroscopic and Functional Imaging Studies of First Episode Major Depressive Disorder
LANCTÔT, Krista	**Sunnybrook Health Sciences Centre** Serotonin Receptor Polymorphisms and Major Depression in Coronary Artery Disease

NAME OF P.I.	Institution/ Title of Project

NEW INVESTIGATOR FELLOWSHIPS: (Cont'd)

McBRIDE, Carolina	**Centre for Addiction and Mental Health** Attachment Security as Mediator and Moderator of Outcome in Major Depression Following Interpersonal Therapy and Cognitive Behavior Therapy
SCHAFFER, Ayal	**Sunnybrook Health Sciences Centre** Treatment Utilization for Bipolar Disorder in the Community: Integration of Clinical and Population Health Approaches

POSTDOCTORAL FELLOWSHIPS:

AMTUL, Zareen	**London Health Sciences Centre** Role of Lipids in Gamma-Secretase Activity and Alzheimer's Disease in Mice
DOCKSTADER, Colleen	**The Hospital for Sick Children** Investigating Behavioral and Neural Profiles of Anticipation in Adolescent With Attention-Deficit/Hyperactivity Disorder (ADHD)
DORVAL, Kimberley	**Toronto Western Hospital** Investigation of NMDA-Type Glutamate Receptor-Associated Genes with Childhood Attention-Deficit/Hyperactivity Disorder
FEATHERSTONE, Robert	**Centre for Addiction and Mental Health** A Multifactoral Model of Schizophrenia - Combining Neurodevelopmental, Early Environmental and Adolescent Risk Factors in an Animal Model of Schizophrenia
GABRIELE, Joseph	**Queen's University** Studies on Glucose-Dependent Insulinotropic Polypeptide (GIP) in Schizophrenia
MARINELLI, Peter	**Centre for Addiction and Mental Health** The Neurobiological Systems Underlying Stress-Induced Relapse to Alcohol Self-Administration in the Rat
SHEARD, Erin	**The Hospital for Sick Children** Mapping Brain Function in Fetal Alcohol Spectrum Disorder: Neuroanatomy of Executive Control and Memory Processes
TILL, Christine	**Toronto Rehabilitation Institute** Do Psychiatric Symptomatology and Receptiveness to Treatment Predict Post-Recovery Cognitive Decline in Adults with Traumatic Brain Injury (TBI)?

NAME OF P.I.	Institution/ Title of Project

POSTDOCTORAL FELLOWSHIPS: (Cont'd)

TROTTIER, Kathryn	**Toronto General Hospital** The Relative Efficacy of Cognitive Behavioural Self-Help and Individual Therapy for Bulimia Nervosa: Identifying Who Is More Likely to Respond to Minimal Intervention

RESEARCH TRAINING FELLOWSHIPS:

KURDYAK, Paul	**Centre for Addiction and Mental Health** Depression and Mortality After Myocardial Infarction: Is it Depression or Is it a Medical Comorbidity Confound?
LEVINSON, Andrea	**Centre for Addiction and Mental Health** A Study of Plasticity and Cortical Inhibition in Bipolar Disorder Using Transcranial Magnetic Stimulation

RESEARCH STUDENTSHIPS:

BETHELL, Jennifer	**University of Toronto** Mental Disorder Presentations to Hospital Emergency Departments
BURGESS, Alison	**Sunnybrook Health Sciences Centre** The Role of Polysialic Acid in Cholinergic Function: A Novel Strategy for Treatment of Alzheimer's Disease
CRABB, Rebecca	**University of Ottawa** Identifying Predictors of Mental Health Care Utilization Among Older Adults with Depression
MALENFANT, Patrick	**Queen's University** Identification and Characterization of Duplicon-Mediated Genomic Rearrangements Associated with Autism
RYAN, Scott	**University of Ottawa** The Role of Platelet Activating Factor Receptor in Beta Amyloid Induced Signalling
SHEA, Alison	**University of Toronto** Maternal Adversity and Infant Outcomes

AUTISM ONTARIO

NAME OF P.I.	Institution/ Title of Project

RESEARCH STUDENTSHIPS:

McMULLEN, Tracey	**York University** Characteristics of High-Functioning Girls with Autism Spectrum Disorder

PUBLICATIONS, CONFERENCES AND OTHER PUBLIC EVENTS

NAME OF P.I.	Institution/ Title of Project	Amount 2006-07
GOLDSTEIN, Benjamin	**Sunnybrook Health Sciences Centre, Toronto** "Bipolar I Disorder among Adults with Childhood-Onset Anxiety Disorders", Best Resident Research Project and Presentation at the Harvey Stancer Research Day	500
KAY, Gloria	**VHA Home HealthCare, Toronto** 9th Annual Mental Health and Addiction Information Fair	2,500
LINKS, Paul	**St. Michael's Hospital, Toronto** 2006 Canadian Association for Suicide Prevention "Complexity of Suicide: Prevention, Intervention and Aftermath" Conference	2,500

The Ontario Mental Health Foundation

Financial Statements

March 31, 2007

Denis Paganelli, C.A.

DP
enis Paganelli, C.A.

18 Easthampton Drive
Etobicoke, ON M9P 3P6

Phone: 416-614-7770
Fax: 416-614-9984
Email: dpaganelli@sympatico.ca

AUDITOR'S REPORT TO THE MEMBERS OF THE FOUNDATION AND THE PROVINCIAL AUDITOR

Pursuant to the Ontario Mental Health Foundation Act which provides that The Ontario Mental Health Foundation (the Foundation), an agency of the Crown, shall be audited by the Provincial Auditor or an auditor designated by the Lieutenant Governor in Council, I have audited the statement of financial position of the Foundation as at March 31, 2007 and the statement of operations and changes in fund balances for the year then ended. These financial statements are the responsibility of the Foundation's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of the Foundation as at March 31, 2007 and the results of its operations and cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

Denis Paganelli

Denis Paganelli, C.A., Licensed Public Accountant

Toronto, Canada
May 17, 2007

The Ontario Mental Health Foundation

Statement of Financial Position
As at March 31, 2007

	Operating Funds		Restricted Funds						
	Research	Administration	Special Initiatives Fund	Transition Fund	Evaluation Fund	SEEI Fund	Other Funds	2007	2006
Assets									
Current assets									
Cash	$ 25,611	$ –	$ –	$ 16,498	$ –	$ –	$ –	$ 42,109	$ 21,772
Accounts receivable	467,660	–	–	–	–	–	530,000	997,660	669
Short-term investments	335,206	46,235	334,246	781,028	1,351,763	337,651	100,000	3,286,129	3,807,474
Prepaid expenses	–	7,845	–	–	–	–	–	7,845	2,845
Interfund balances	–	–	–	(365,900)	–	365,900	–	–	–
	828,477	54,080	334,246	431,626	1,351,763	703,551	630,000	4,333,743	3,832,760
Capital assets (note 3)	–	9,893	–	–	–	–	–	9,893	12,224
Long-term investments (note 4)	–	–	6,080,557	–	–	–	–	6,080,557	5,938,354
	–	9,893	6,080,557	–	–	–	–	6,090,450	5,950,578
	$ 828,477	$ 63,973	$ 6,414,803	$ 431,626	$ 1,351,763	$ 703,551	$ 630,000	$ 10,424,193	$ 9,783,338
Liabilities									
Current liabilities									
Bank overdraft	$ –	$ –	$ –	$ –	$ 227	$ 11,154	$ –	$ 11,381	$ 248
Grants, fellowships and associateships payable	362,047	–	–	–	–	–	–	362,047	563,433
Accounts payable and accrued liabilities	–	11,889	–	2,392	–	100	–	14,381	95,847
	362,047	11,889	–	2,392	227	11,254	–	387,809	659,528
Fund balances									
Externally restricted	466,430	52,084	–	429,234	1,351,536	692,297	630,000	3,621,581	3,093,450
Internally restricted	–	–	6,414,803	–	–	–	–	6,414,803	6,030,360
	466,430	52,084	6,414,803	429,234	1,351,536	692,297	630,000	10,036,384	9,123,810
	$ 828,477	$ 63,973	$ 6,414,803	$ 431,626	$ 1,351,763	$ 703,551	$ 630,000	$ 10,424,193	$ 9,783,338

See accompanying notes to financial statements.

Approved by the Foundation

Chairman

Vice-Chairman

Dens Sgarelli, C.

Statement of Operations and Changes in Fund Balances
For the year ended March 31, 2007

	Operating Funds		Restricted Funds						
	Research	Administration	Special Initiatives Fund	Transition Fund	Evaluation Fund	SEEI Fund	Other Funds	2007	2006
Revenues									
Province of Ontario (note 2(a))	$ 3,445,904	$ 425,300	$ –	$ –	$ –	$ –	$ 630,000	$ 4,501,204	$ 4,098,067
Investment income	37,496	–	307,479	60,207	56,462	–	–	461,644	658,626
Autism Ontario	19,100	–	–	–	–	–	–	19,100	20,000
Donations received	7,423	–	262,000	–	–	–	–	269,423	7,151
Net unrealized gain (loss) on short-term investments	(102)	–	–	895	(3,358)	–	–	(2,565)	(8,295)
Grants and Fellowships returned	139,291	–	212,634	–	–	–	–	351,925	82,645
Other income	1,655	–	–	–	–	–	–	1,655	–
	3,650,767	425,300	782,113	61,102	53,104	–	630,000	5,602,386	4,858,194
Expenditures									
Grants									
Research (note 2(a))	2,598,555	–	–	219,127	–	444,743	–	3,262,425	4,311,814
Autism Ontario research	20,000	–	–	–	–	–	–	20,000	19,550
Fellowships									
Senior research	219,492	–	–	–	–	–	–	219,492	252,744
Intermediate research	160,000	–	–	–	–	–	–	160,000	160,000
New investigator	139,120	–	–	–	–	–	–	139,120	149,677
Post-doctoral	351,561	–	–	–	–	–	–	351,561	310,966
Research studentships	99,348	–	–	–	–	–	–	99,348	65,800
Publications and Conferences	4,593	–	–	–	–	–	–	4,593	2,500
	3,592,669	–	–	219,127	–	444,743	–	4,256,539	5,273,051
Administration (note 7)	–	368,353	–	797	–	143	–	369,293	382,103
Investment management fees	1,197	–	12,086	4,790	2,232	–	–	20,305	19,238
	3,593,866	368,353	12,086	224,714	2,232	444,886	–	4,646,137	5,674,392
Excess (deficiency) of revenues over expenditures for the year	56,901	56,947	770,027	(163,612)	50,872	(444,886)	630,000	956,249	(816,198)
Fund balances, beginning of year	23,945	38,812	6,030,360	958,746	1,300,664	771,283	–	9,123,810	9,942,047
Return to Province of Ontario (note 8)	–	(43,675)	–	–	–	–	–	(43,675)	(2,039)
Interfund transfers (note 10)	385,584	–	(385,584)	(365,900)	–	365,900	–	–	–
Fund balances, end of year	$ 466,430	$ 52,084	$ 6,414,803	$ 429,234	$ 1,351,536	$ 692,297	$ 630,000	$ 10,036,384	$ 9,123,810

See accompanying notes to financial statements.

Dean Paganelli, C.A.

The Ontario Mental Health Foundation

Notes to Financial Statements

March 31, 2007

1. Purpose of the organization

The Ontario Mental Health Foundation, as established by the Ontario Mental Health Foundation Act, and in accordance with the Agency Establishment and Accountability Directive of the Province of Ontario Management Board of Cabinet, is an Ontario Operational Service Agency. The Foundation aims to promote the mental health of people living in Ontario, to prevent mental illness and to improve diagnosis, treatment and rehabilitation. This is done primarily by supporting the development of researchers and by funding excellent mental health research. The Foundation is a registered charitable public foundation under certain provisions of the Income Tax Act and is able to issue donation receipts for income tax purposes.

2. Summary of significant accounting policies

The accounting policies followed by the Foundation and the disclosure of its financial information conform to Canadian generally accepted accounting principles. These financial statements reflect the results of operations and financial position of the Foundation's activities. The significant accounting policies followed in the preparation of these financial statements are as follows:

a) Fund accounting

The Foundation follows the restricted fund method of accounting for contributions. Accordingly, funds have been established to account for these activities, as described below:

i) Operating funds

The Operating funds receive an annual grant for research programs and administration activities from the Ontario Ministry of Health and Long-term Care (MOHLTC). At the request of the MOHLTC, these activities have been subdivided into research and administration funds.

The Research Fund is used by the Foundation to account for its three principal mandates, which are:

- research in mental health;
- training; and
- education.

The Administration Fund is used by the Foundation to account for the coordination, communication and administration activities of the Foundation.

ii) Restricted Special Initiatives Fund

The internally restricted Special Initiatives Fund has been established by the Foundation's Board of Directors to account for bequests received by the Foundation. These funds may not be used without the prior approval of the Board.

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2. Summary of significant accounting policies (continued)

a) Fund accounting (continued)

iii) Restricted Transition Fund

The externally restricted Transition Fund was created on April 11, 1994 when the Foundation received $5,000,000 from the MOHLTC for the purpose of funding agencies and hospitals for services to promote the transition from an institutional to a community based system. Under the terms of the funding, the MOHLTC will determine and direct the Foundation on the expenditures of the fund. During fiscal 1997, the Foundation received permission from the MOHLTC to transfer $3,535,200 to a newly created Evaluation Fund (referred to below). The MOHLTC has the option at any time to request the return of all remaining funds from the Foundation. All investment income earned on the fund belongs to the fund and is subject to the MOHLTC's restrictions.

iv) Restricted Evaluation Fund

The externally restricted Evaluation Fund was created to fund and conduct projects which evaluate community mental health services. All investment income earned on investments of the fund belongs to the fund and is subject to the MOHLTC's restrictions.

v) Restricted System Enhancement Evaluation Initiative (SEEI) Fund

The externally restricted SEEI Fund was created to fund and conduct projects which assess the health system outcomes from the investment in community mental health services and supports. All investment income earned on investments of the fund belongs to the fund and is subject to the MOHLTC's restrictions.

Other Funds

vi) Restricted Community Treatment Order Fund

The externally restricted Community Treatment Order Fund of $500,000 was created to fund and conduct projects which assess the efficacy of Ontario's implementation of community treatment orders for people with mental illness. All income earned on investments of the fund belong to the fund and is subject to the MOHLTC's restrictions.

vii) Restricted Forensic Housing Fund

The externally restricted Forensic Housing Fund of $100,000 was created to fund and conduct projects which evaluate the implementation of a program for forensic housing and support units in Ottawa and Toronto. All income earned on investments of the fund belong to the fund and is subject to the MOHLTC's restrictions.

viii) Restricted Tertiary Mental Health Fund

The externally restricted Tertiary Mental Health Fund of $30,000 was created to fund a forum on the role of tertiary mental health care programs. All income earned on investments of the fund belong to the fund and is subject to the MOHLTC's restrictions.

2. Summary of significant accounting policies (continued)

b) Revenue and expenditure recognition

Restricted contributions of the Operating Research Fund are recognized as revenue in the year in which the related expenditures are incurred. Unrestricted contributions to the operating funds and contributions to the restricted funds are recognized as revenue in the year received or receivable, if the amount to be received can be reasonably estimated and collection is reasonably assured.

c) Investments

Investments are segregated according to fund as required in the terms of the funds, and investment income earned on these funds is accrued separately in each of the respective funds.

i) Short-term investments

Short-term investments, which consist of Emerald Canadian Short-Term Investment Mutual Funds, are carried at market value, with unrealized gains and losses being included in income for the year.

ii) Long-term investments

Long-term investments, which consist of various different Emerald Mutual Funds, are carried at cost with a general provision being established to account for any decline in value that is other than temporary in nature.

d) Capital assets

Capital assets purchased by the Foundation are recorded at cost and any donated assets are reflected at their market value on the date of acquisition. The carrying value of computers and other capital assets is amortized on a declining balance basis at rates ranging from 10% to 33-1/3% per annum.

e) Contributed services

Volunteers also contribute significant time each year to assist the Foundation in carrying out its activities. Because of the difficulty in determining their fair value, contributed services are not recognized in the financial statements.

f) Statement of cash flows

This statement is not included within the financial statements, as the Foundation has no significant financing and investing activities. Information about these activities and their effects on cash resources and information about cash provided by or used in operations is readily apparent from the other financial statements.

3. Capital assets

Capital assets are recorded at cost less accumulated amortization. Details of capital assets are as follows:

			2007	2006
	Cost	Accumulated amortization	Net	Net
Computers	$46,985	$43,818	$3,167	$ 4,750
Other capital assets	35,246	28,520	6,726	7,474
	$82,231	$72,338	$9,893	$12,224

4. Long-term investments

The following table summarizes the market value and cost of long-term investments held by the Foundation:

	2007		2006	
	Market Value	Cost	Market value	Cost
Bonds	$4,348,867	$4,142,934	$4,139,277	$3,931,464
Canadian Equities	331,915	425,936	316,365	411,970
U.S. Equities	997,236	1,022,762	955,275	1,067,096
Global Equities	664,780	488,925	634,760	527,824
	$6,342,798	$6,080,557	$6,045,677	$5,938,354

5. Award commitments

The Foundation has made commitments to fund projects should funds be available over the next three fiscal years as follows:

	2008	2009	2010
Project research grants	$2,938,867	$1,763,361	$nil
Senior research fellowships, intermediate research and new investigator fellowships	569,835	373,874	143,327
Research training/post-doctoral fellowships	425,400	212,700	35,450
Research studentships	291,650	168,500	86,250
Projects funded by Transition fund	365,900	nil	nil
Projects funded by SEEI Fund	295,337	nil	nil
	$4,886,989	$2,518,435	$265,027

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6. Operating leases

The Foundation leases office premises under an operating lease that ends on August 31, 2007. The Foundation has entered into a lease for new premises commencing on July 1, 2007 to June 30, 2012. The aggregate minimum annual lease payments under these operating leases are as follows:

Year ended March 31

2008	$37,034
2009	30,000
2010	30,000
2011	30,000
2012	30,000

7. Administration expenses - Operating Fund

Administration expenses of the operating fund comprise the following:

	2007	2006
Audit fees	$ 8,000	$ 8,000
Computer maintenance and supplies	38	1,479
Meeting expenses	23,302	24,754
Other employee costs	44,427	40,008
Other expenses	20,232	25,798
Postage stationery and office supplies	11,232	10,654
Rent	35,272	32,981
Salaries	218,761	222,310
Telephone	4,758	5,493
	366,022	371,477
Loss on disposal of equipment	-	377
Amortization	2,331	1,957
	$368,353	$373,811

8. Administration Fund

The Foundation must return to MOHLTC the unspent portion of the operating grant received for administration activities in the Administration Fund. The amount returned in 2007 totaling $43,675 (2006 - $2,039) represents the unspent portion of the grant from the prior year.

9. Financial instruments

The Foundation's financial instruments consist of cash, accounts receivable, short-term investments, long-term investments and accounts payable.

The Foundation is subject to credit risk with respect to its accounts receivable to the extent that debtors do not meet their obligations and market, interest rate and foreign exchange risk with respect to its investments.

10. Interfund transfers

During the year the Board of Directors approved the transfer of $385,584 from the Special Initiatives Fund to the Research Fund. Also during the year, MOHLTC approved the transfer of $365,900 from the Transition fund to the SEEI fund.

11. Public Sector Salary Disclosure Act, 1996

Section 3(5) of this Act requires disclosure of Ontario public sector employees paid an annual salary in excess of $100,000 in calendar year 2006. For the Foundation, this disclosure is as follows:

	Salary Paid	Benefits
Dr. Alexander Greer	$110,060	$nil